

学业成绩

清华大学计算机系博士生（导师：唐杰教授）	北京	2020/08–2023/07
清华大学计算机系硕士生（导师：唐杰教授）	北京	2018/08–2020/07
• GPA: 3.9 / 4.0 年级排名: 8 / 135		
清华大学计算机系本科生	北京	2014/08–2018/07
• GPA: 92 / 100 年级排名: 10 / 151		

已发表论文 (Google Scholar: <https://scholar.google.com/citations?user=LCjW058AAAAJ>)

- **Yukuo Cen**, Zhenyu Hou, Yan Wang, Qibin Chen, Yizhen Luo, Zhongming Yu, Hengrui Zhang, Xingcheng Yao, Aohan Zeng, Shiguang Guo, Yuxiao Dong, Yang Yang, Peng Zhang, Guohao Dai, Yu Wang, Chang Zhou, Hongxia Yang, and Jie Tang. CogDL: A Comprehensive Library for Graph Deep Learning. In WWW'23 (CCF-A). (Open-source project on Github: <https://github.com/thudm/cogdl>, >1500 stars)
- **Yukuo Cen**, Jianwei Zhang, Xu Zou, Chang Zhou, Hongxia Yang, and Jie Tang. Controllable Multi-Interest Framework for Recommendation. In KDD'20 (CCF-A, **Google scholar citations>100**).
- **Yukuo Cen**, Xu Zou, Jianwei Zhang, Hongxia Yang, Jingren Zhou, Jie Tang. Representation Learning for Attributed Multiplex Heterogeneous Network. In KDD'19 (CCF-A, **Google scholar citations>300**).
- **Yukuo Cen**, Jing Zhang, Gaofei Wang, Yujie Qian, Chuizheng Meng, Zonghong Dai, Hongxia Yang, and Jie Tang. Trust Relationship Prediction in Alibaba E-Commerce Platform. In TKDE'19 (CCF-A).
- Zhenyu Hou, Yufei He, **Yukuo Cen**, Xiao Liu, Yuxiao Dong, Evgeny Kharlamov, and Jie Tang. GraphMAE2: A Decoding-enhanced Masked Self-supervised Graph Learner. In WWW'23 (CCF-A).
- Zhenyu Hou, **Yukuo Cen**, Ziding Liu, Dongxue Wu, Baoyan Wang, Xuanhe Li, Lei Hong, and Jie Tang. MTDiag: An Effective Multi-Task Framework for Automatic Diagnosis. In AAAI'23 (CCF-A).
- Zhenyu Hou, Xiao Liu, **Yukuo Cen**, Yuxiao Dong, Hongxia Yang, Chunjie Wang, and Jie Tang. GraphMAE: Self-Supervised Masked Graph Autoencoders. In KDD'22 (CCF-A).
- Xiao Liu, Shiyu Zhao, Kai Su, **Yukuo Cen**, Jiezhong Qiu, Mengdi Zhang, Wei Wu, Yuxiao Dong, and Jie Tang. Mask and Reason: Pre-Training Knowledge Graph Transformers for Complex Logical Queries. In KDD'22 (CCF-A).
- Xiaoxuan Liu, Lianmin Zheng, Dequan Wang, **Yukuo Cen**, Weize Chen, Xu Han, Jianfei Chen, Zhiyuan Liu, Jie Tang, Joey Gonzalez, Michael Mahoney, and Alvin Cheung. GACT: Activation Compressed Training for Generic Network Architectures. In ICML'22 (CCF-A).
- Ziang Li, Ming Ding, Weikai Li, Zihan Wang, Ziyu Zeng, **Yukuo Cen**, and Jie Tang. Rethinking the Setting of Semi-supervised Learning on Graphs. In IJCAI'22 (CCF-A).
- Qinkai Zheng, Xu Zou, Yuxiao Dong, **Yukuo Cen**, Da Yin, Jiarong Xu, Yang Yang, and Jie Tang. Graph Robustness Benchmark: Benchmarking the Adversarial Robustness of Graph Machine Learning. In NeurIPS'21 Datasets and Benchmarks.
- Zhenyu Hou, **Yukuo Cen**, Yuxiao Dong, Jie Zhang, and Jie Tang. Automated Unsupervised Graph Representation Learning. In TKDE'21 (CCF-A).
- Qibin Chen, Junyang Lin, Yichang Zhang, Ming Ding, **Yukuo Cen**, Hongxia Yang, and Jie Tang. Towards Knowledge-Based Recommender Dialog System. In EMNLP'19 (CCF-B).

学术报告

Self-supervised Learning and Pre-training on Graphs@WWW2023 Tutorial	2023/05/01
CogDL: 一个高效的图神经网络训练框架@BAAI 2022	2022/06/02
CogDL: 助力图机器学习的研究与应用@深蓝学院	2022/01/10
Learning GNNs with CogDL@KDD2021 Tutorial	2021/08/14
CogDL: 图深度学习工具包@BAAI 2021	2021/06/02

荣誉奖项

• 西贝尔学者奖学金		2021
• 研究生国家奖学金		2019
• 清华大学计算机系优秀毕业生		2018
• 清华大学学业优秀奖		2015, 2016, 2017
• ACM/ICPC亚洲区域赛（广州赛区）	金奖	2014
• 清华大学新生奖学金	二等奖	2014
• 全国青少年信息学奥林匹克竞赛	金牌	2013

EDUCATION

TSINGHUA UNIVERSITY	Beijing, China	08.2020–07.2023
<i>Ph.D. student (Advisor: Prof. Jie Tang) in the Department of Computer Science and Technology (DCST)</i>		
TSINGHUA UNIVERSITY	Beijing, China	08.2018–07.2020
<i>Master student (Advisor: Prof. Jie Tang) in the Department of Computer Science and Technology (DCST)</i>		
• GPA: 3.9 / 4 Rank: 8 / 135		
TSINGHUA UNIVERSITY	Beijing, China	08.2014–07.2018
<i>B.S. in the Department of Computer Science and Technology (DCST)</i>		
• GPA: 92 / 100 Rank: 10 / 151		

PUBLICATIONS (Google Scholar: <https://scholar.google.com/citations?user=LCjW058AAAAJ>)

- **Yukuo Cen**, Zhenyu Hou, Yan Wang, Qibin Chen, Yizhen Luo, Zhongming Yu, Hengrui Zhang, Xingcheng Yao, Aohan Zeng, Shiguang Guo, Yuxiao Dong, Yang Yang, Peng Zhang, Guohao Dai, Yu Wang, Chang Zhou, Hongxia Yang, and Jie Tang. CogDL: A Comprehensive Library for Graph Deep Learning. In WWW'23 (CCF-A). (Open-source project on Github: <https://github.com/thudm/cogdl>, >1500 stars)
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- Xiaoxuan Liu, Lianmin Zheng, Dequan Wang, **Yukuo Cen**, Weize Chen, Xu Han, Jianfei Chen, Zhiyuan Liu, Jie Tang, Joey Gonzalez, Michael Mahoney, and Alvin Cheung. GACT: Activation Compressed Training for Generic Network Architectures. In ICML'22 (CCF-A).
- Ziang Li, Ming Ding, Weikai Li, Zihan Wang, Ziyu Zeng, **Yukuo Cen**, and Jie Tang. Rethinking the Setting of Semi-supervised Learning on Graphs. In IJCAI'22 (CCF-A).
- Qinkai Zheng, Xu Zou, Yuxiao Dong, **Yukuo Cen**, Da Yin, Jiarong Xu, Yang Yang, and Jie Tang. Graph Robustness Benchmark: Benchmarking the Adversarial Robustness of Graph Machine Learning. In NeurIPS'21 Datasets and Benchmarks.
- Zhenyu Hou, **Yukuo Cen**, Yuxiao Dong, Jie Zhang, and Jie Tang. Automated Unsupervised Graph Representation Learning. In TKDE'21 (CCF-A).
- Qibin Chen, Junyang Lin, Yichang Zhang, Ming Ding, **Yukuo Cen**, Hongxia Yang, and Jie Tang. Towards Knowledge-Based Recommender Dialog System. In EMNLP'19 (CCF-B).

INVITED TALKS

Self-supervised Learning and Pre-training on Graphs@WWW2023 Tutorial	2023/05/01
CogDL: An Efficient Training Library for GNNs@BAAI 2022	2022/06/02
CogDL: Facilitating Research and Applications of GNNs@ShenLanXueYuan	2022/01/10
Learning GNNs with CogDL@KDD2021 Tutorial	2021/08/14
CogDL: A Toolkit for Deep Learning on Graphs@BAAI 2021	2021/06/02

HONORS & AWARDS

• Siebel Scholarship		2021
• National Scholarship		2019
• Outstanding Graduates Awards of the DCST		2018
• Tsinghua University Academic Excellence Award		2015, 2016, 2017
• The ACM-ICPC Asia Guangzhou Regional Contest	Gold Medal	2014
• Tsinghua Freshman Scholarship	2nd Prize	2014
• National Olympiad in Informatics (NOI)	Gold Medal	2013